

# Nanotube Production Devices Expand Research Capabilities



**Glenn Research Center**

**Nanotech Innovations  
Oberlin, Ohio**

## NASA Technology

- ◆ In order to supply power to deep space probes, NASA developed photovoltaic cells, the building blocks of solar power systems, from nanomaterials
- ◆ The carbon nanotube has the potential to greatly enhance the reliability of power generation and storage devices in space and on Earth

## Partnership

- ◆ A chemist at Glenn developed a unique process to grow high quality carbon nanotubes
- ◆ Glenn was more interested in the photovoltaic applications and not the production of the tubes, so it released the technology to the scientist
- ◆ Nanotech Innovations was born and immediately filed a patent on the technology



## Benefits

- ◆ The SSP-354 is a portable, easy to use, bench-top system for growing high quality carbon nanotubes in a single-step process
- ◆ The machine is supporting the incorporation of carbon nanotubes into science curricula, research, and product development